



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application

Inventor(s): Jonathan T. Foote
Appl. No.: 09/989,638
Confirm. No.: 1144
Filed: November 20, 2001
Title: METHOD AND SYSTEM FOR
COMPENSATING FOR PARALLAX IN
MULTIPLE CAMERA SYSTEMS

PATENT APPLICATION

Art Unit: 2612
Examiner: Luong Trung Nguyen

Customer No. 23910

CERTIFICATE OF TRANSMISSION/MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: **Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**, on the date shown below.

(Attorney Signature)

Melissa L. Basch, Reg. No. 56,159
Signature Date: May 5, 2006

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

- ☒ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ☒ As allowed under 37 C.F.R § 1.98(a)(2)(ii), no copies of the U.S. patents and U.S. patent application publications are enclosed, unless required by the office.
- ☐ As allowed under 37 CFR §1.98(d), copies of cited documents noted with an asterisk are not enclosed because they were previously submitted in U.S. Patent Application No. ____/_____, which is relied on for an earlier effective filing date under 35 USC §120, and which included an Information Disclosure Statement that complies with 37 CFR §1.98(a) through (c).

___ A copy of an International Search Report dated _____ for Application No. _____.

___ A copy of an International Preliminary Examination Report dated _____ for Application No. _____.

✓ If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

This statement should be considered because:

___ **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

✓ **37 C.F.R. §1.97(c).** Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL Office Action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

-- AND (check at least one of the following) --

___ (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).

-- OR --

✓ (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

___ **37 C.F.R. §1.97(d).** Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:

- (1) It is being filed on or before payment of the Issue Fee;
-- AND --
- (2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e);
-- AND --
- (3) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

- **PTA Statement under 37 C.F.R. §1.704(d).** Each item of information contained in the *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the *Information Disclosure Statement*.
- 37 C.F.R. §1.97(e)(1). THE UNDERSIGNED ATTORNEY HEREBY STATES THAT each item of information contained in this *Information Disclosure Statement* was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this *Information Disclosure Statement*; or
- 37 C.F.R. §1.97(e)(2). THE UNDERSIGNED ATTORNEY HEREBY STATES THAT no item of information contained in this *Information Disclosure Statement* was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this *Information Disclosure Statement* was known to any individual designated in §1.56(c) more than three months prior to the filing of this statement.
- ✓ **Fee Authorization.** The Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 06-1325.

Respectfully submitted,

FLIESLER MEYER LLP

Date: 5-5-06

By: 
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Form PTO-1449 (Substitute) Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number FXPL-01032US0	Application/Patent Number 09/989,638
	Applicant/Patent Owner Jonathan T. Foote		
	Filing/Issue Date November 20, 2001	Group Art Unit 2612	

U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	1.	4,868,682	Sept. 19, 1989	Shimizu	358	335	June 25, 1987
	2.	5,023,725	June 11, 1991	McCutchen	358	231	Oct. 23, 1989
	3.	5,170,182	Dec. 8, 1992	Olson	347	231	July 10, 1992
	4.	5,185,667	Feb. 9, 1993	Zimmerman	358	209	May 13, 1991
	5.	5,287,093	Feb. 15, 1994	Amano	345	139	June 7, 1991
	6.	5,619,255	Apr. 8, 1997	Booth	348	36	Aug. 19, 1994
	7.	5,649,032	July 15, 1997	Burt	382	284	Nov. 14, 1994
	8.	5,760,826	June 2, 1998	Nayar	348	36	May 10, 1996
	9.	5,768,443	June 16, 1998	Michael	382	294	Dec. 19, 1995
	10.	5,956,418	Sept. 21, 1999	Aiger	382	154	Dec. 10, 1996
	11.	5,963,664	Oct. 5, 1999	Kumar	382	154	June 22, 1995
	12.	5,966,177	Oct. 12, 1999	Harding	348	383	Feb. 10, 1998
	13.	6,078,701	June 20, 2000	Hsu	382	294	May 29, 1998
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	17.	6,526,095	Feb. 25, 2003	Nakaya	375	240.16	Sept. 19, 1997
	18.	6,545,702	Apr. 8, 2003	Konolige	348	36	Sept. 7, 1999

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Examiner Initial		Patent Application Publication Number	Publication Date	Applicant
	19.	US2003/0035047	Feb. 20, 2003	Katayama

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans- lation Yes No

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

	20.	Bennett, F. and Hopper, A., "Developments in Networked Multimedia," <i>In Proc. NEC Research Symposium in Multimedia Computing</i> , June 1995 ftp://ftp.orl.co.uk/pub/docs/orl/tr.95.6.ps.Z .
	21.	Chen, S. and Williams, L., "View Interpolation for Image Synthesis," <i>Computer Graphics (SIGGRAPH'93)</i> , August 1993, pp. 279-288.
	22.	Mann, S., "Compositing Multiple Pictures of the Same Scene," <i>Proc. 46th Annual Imaging Science and Technology Conference</i> , Cambridge, Massachusetts, May 1993.
	23.	"OmniSight™ Solutions for Natural Meetings™: Technical Specifications for Typical System."
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	25.	Smith, B. and Rowe, L., "Compressed Domain Processing of JPEG-Encoded Images," <i>Real-Time Imaging Journal</i> , http://www.cs.cornell.edu/zeno/Papers/cdp/cdp_rtij96.pdf .
	26.	Chu, Peter L., "Superdirective Microphone Array for a Set-Top Videoconferencing System," in <i>Proc. ICASSP 97</i> .
	27.	De Silva, L.D., K. Aizawa and M. Hatori, "Use of Steerable Viewing Window (SVW) to Improve the Visual Sensation in Face to Face Teleconferencing," in <i>Proc. ICASSP-94</i> , vol. 6, pp. 421-424, May 1994.
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	29.	Huang, Q., et al., "Content Based Active Video Data Acquisition Via Automated Cameramen," <i>Proc. ICIP</i> , January 1998.
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33.	Shum, H.Y. and R. Szeliski, "Panoramic Image Mosaics," Technical Report MSR-TR-97-23, Microsoft Research, September 1997. (www.research.microsoft.com/scripts/pubdb/trpub.asp)	
34.	Swaminathan, Rahul and Shree K. Nayar, "Non-Metric Calibration of Wide-Angle Lenses and Polycameras," in Proc. CVPR, 1999, IEEE.	
35.	Taniguchi, Y., A. Akutsu and Y. Tonomura, "PanoramaExcerpts: Extracting and Packing Panoramas for Video Browsing," in <i>Proc. ACM Multimedia 97</i> , Seattle, WA, pp. 427-436, 1997.	
36.	Teodosio, L. and W. Bender, "Salient Video Stills: Content and Context Preserved," in <i>Proc. ACM Multimedia 93</i> , Anaheim, CA, pp. 39-46, 1993.	
37.	Wang, C. and M. Brandstein, "A Hybrid Real-Time Face Tracking System" in <i>Proc. ICASSP '98</i> .	
38.	Wolberg, G., "Digital Image Warping," <i>IEEE Computer Society Press</i> , 1992.	
39.	Wren, C., A. Azarbayejani, T. Darrell and A. Pentland, "Pfinder: Real-Time Tracking of the Human Body," in <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , July 1997, vol. 19, no. 7, pp. 780-785.	
Examiner		Date Considered
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <hr/> <p>*1 = Copy not submitted because it was submitted in prior application SN __/____, filed _____, 20____, relied on under 35 USC §120.</p> <p>**2 = Copy not submitted because it was submitted in prior application SN __/____, filed _____, 20____, relied on under 35 USC §120.</p>		